General Information

Solicitation Number:	NND14480735R
Posted Date:	November 16, 2015
FedBizOpps Posted Date:	November 16, 2015
Recovery and Reinvestment Act Action:	No
Original Response Date:	N/A
Current Response Date:	December 15, 2015
Classification Code:	V -- Transportation, travel, and relocation services
NAICS Code:	481212

Contracting Office Address

NASA/Armstrong Flight Research Center, Code A, P.O. Box 273, Edwards, CA 93523-0273

Description

NASA/AFRC plans to issue a Competitive Request for Proposal (RFP)/Solicitation for the following Commercial item/services:

In accordance with clause C-2, "ON-RAMP OF NEW CONTRACTORS" of RFP NND14480735R:

> ***C-2 ON-RAMP OF NEW CONTRACTORS***
>
> *a. The minimum IDIQ On-Ramp qualification criteria are identical to those described in the PWS. The Evaluation Criteria for On-Ramp is the same evaluation criteria described for the initial solicitation, section 3.*
> *b. The parties mutually agree that the original solicitation, as revised, shall remain open during the life of the contract and that at any time the Government may award additional contracts for IDIQ requirements. Each anniversary date during the life of this contract or at any other time established via synopsis, the Government will accept proposals from new flight service providers for IDIQ contracts and proposals from existing IDIQ contractors for additional flight services.*
> *c. The minimum contract requirements, the technical acceptability standards, evaluation factors, solicitation terms and conditions, price reasonableness, and basis for award shall remain in full force and effect for each new proposal. Upon award of each additional contract, the Government shall notify all present Contractors of the award, and the new Contractor shall thenceforth be eligible to compete with all present Contractors for the award of IDIQ task orders.*

SRLV FLIGHT AND PAYLOAD INTEGRATION SERVICES, consisting of Suborbital Reusable Launch Vehicle (sRLV) services to fly NASA internally sourced ("NASA-directed") Research and Development (R&D) technology payloads on platforms that provide the environment of space with reduced gravity or other relevant environments required to test technologies in order to advance their technology readiness. The following commercial space flight profiles are being considered (with associated definitions):

Reduced gravity with space environment - Requirement is to rapidly ascend from 0 km AGL to high altitude (typically 100km above ground level [AGL] or greater) and expose the payload to the low temperature and near vacuum of space while simultaneously exposing the payload to very low values of gravity under stable gravitational conditions. This is typically accomplished by use of a sounding rocket or spacecraft.

Slow ascent to high altitude with free-fall descent - Requirement is to expose payload to high altitude (typically 30 km AGL or greater) with a slow (typically 1 hour or greater) ascent and exposure to near-

space environment followed by a descent to 0 AGL. This is typically accomplished by use of an untethered balloon with parachute descent.

Rapid ascent to space environment with free-fall descent - Requirement is to attain high altitude (>100 km AGL) as rapidly as possible followed by a rapid free-fall descent to 0 km AGL. This is typically accomplished by use of a sounding rocket or spacecraft.

Controlled descent with controlled vertical landing - Requirement is to descend from a minimum of 250 m AGL back to 0 AGL, under controlled rocket-powered flight and conduct a controlled vertical landing. Some payloads may require controlled horizontal translation of up to 1 km. Some applications may require allowing the payload to actively control portions of the flight profile. This is typically accomplished by use of a sounding rocket or spacecraft.

Controlled vertical ascent and descent - Requirement is to rapidly ascend to high altitude (typically 30 km AGL or greater) along a pre-planned trajectory (typically vertical), hover in place, and then slowly descend back to 0 AGL under controlled conditions. This is typically accomplished by use of a sounding rocket or spacecraft.

The Government does not anticipate any changes or additions to the original Performance Work Statement ("PWS" - Attachment A of the RFP) that can be viewed at the following URL:

https://prod.nais.nasa.gov/cgibin/eps/synopsis.cgi?acqid=158878

The Government does not currently plan to issue a draft RFP or conduct an Industry Day relating to this acquisition.

Contractors will be required to propose prices at the individual "payload slot" level as well as the "full manifest," or both, as applicable. They will also be required to anticipate and price any common non-standard services required to integrate the technology payloads.

The NAICS Code is 481212 and Small Business Size Standard is 1500 Personnel.

The Government expects to release the final RFP/Solicitation on or about January 15, 2016 with an anticipated proposal due date of on or about March 1, 2016.

All responsible sources may submit a proposal that will be considered by the agency.

NASA has issued a Frequently Asked Questions (FAQ) document in conjunction with this synopsis. This FAQ can be found along with this synopsis on FedBizOpps website. Please submit any additional questions relating to the solicitation to the listed points of contact, and we will post responses to the FedBizOpps website.

IMPORTANT NOTE: For this solicitation, NASA intends to accept proposals via electronic means only. The details for submittal will be included in the RFP amendment solicitation.

Clause 1852.215-84, Ombudsman, is applicable. The Center Ombudsman for this acquisition can be found at <http://prod.nais.nasa.gov/pub/pub_library/Omb.html >

The solicitation and any documents related to this procurement will be available over the Internet. These documents will reside on a World-Wide Web (WWW) server, which may be accessed using a WWW browser application. The Internet site, or URL, for the NASA Business Opportunities page is: <http://procurement.nasa.gov/cgi-bin/EPS/bizops.cgi?gr=D&pin= >.

Prospective offerors shall notify this office of their intent to submit an offer, in order to obtain the information for electronic submittal of proposals. It is the offeror's responsibility to monitor the Internet site

for the release of the solicitation and amendments (if any). Potential offerors will be responsible for downloading their own copy of the solicitation and amendments (if any).

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